PATENTS 112055-0073U 17732-67070.00



## N THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re The Application of: Pravas Pradhan et al.	)	
Serial No.: 10/720,857	) )	Examiner: Not yet assigned
Filed: November 24, 2003	)	Art Unit: 2816
For: CURRENT TRANSFER LOGIC	)	·
	,	Cesari and McKenna, LLP 88 Black Falcon Avenue Boston, MA 02210 March 9 2004

## **CERTIFICATE OF MAILING**

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In keeping with the duty of candor and good faith owed to the Patent and Trademark Office, Applicants wish to bring to the Examiner's attention the references listed on the accompanying form PTO-1449. A copy of each listed reference is enclosed.

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To the extent required by 37 C.F.R. §1.98(a)(3), Applicants have described what they consider to be the relevance of any foreign-language reference. The Office may find additionally relevant material in these or other references.

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Respectfully submitted,

Edwin H. Paul

Reg. No. 31,405

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ne sand	Complete if Known	
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Filing Date	November 24, 2003	
First Named Inventor	Pravas Pradhan et al.	
Group Art Unit	2816	
Examiner Name	Not yet assigned	
Attorney Docket Number	112055-0073U	

U.S. PATENT DOCUMENTS								
Examiner Initials *		U.S. Patent Document		Name of Patentee or Applicant	Date of	Pages, Columns, Lines, Where Relevant		
	Cite No.1	i Niimner	d Code <sup>2</sup> (nown)	Name of Patentee or Applicant of Cited Document	Publication of Cited Document MM-DD-YYYY	Passages or Relevant Figures Appear		
	1.	5,801,564		Gasparik	09-01-1998			
	2.	5,811,984		Long et al.	09-22-1998			
	3.	6,236,269	B1	Hojabri	05-22-2001			
	4.	6,252,432	B1	Freitas	06-26-2001			
	5.	6,320,417	B1	Kirsch et al.	11-20-2001			
	6.	6,476,642	В1	Morano	11-05-2002			
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	FOREIGN PATENT DOCUMENTS								
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Substitute for form 1449A/PTO Complete if Known **Application Number** 10/720,857 INFORMATION DISCLOSURE Filing Date November 24, 2003 STATEMENT BY APPLICANT First Named Inventor Pravas Pradhan et al. 2816 **Group Art Unit** (use as many sheets as necessary) **Examiner Name** Not yet assigned Sheet 112055-0073U **Attorney Docket Number** 

		OTHER PRIOR ART NON PATENT LITERATURE DOCUMENTS	
Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
	7.	SEEVINCK, Evert, Current-Mode Techniques for High-Speed VLSI Circuits with to Current Sense Amplifier for CMOS SRAM's, IEEE Journal of Solid-State Circuits, Vol. 26, No. 4, April 1991	
	8.	SIM, Jae-Yoon, A 1-Gb/s Bidirectional I/O Buffer Using the Current-Mode Scheme, IEEE Journal of Solid-State Circuits, Vol. 34, No. 4, April 1999	
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